

CE-IVD Portfolio for the Ion S5[™] / PGM[™]

LymphoTrack Dx Assays





LymphoTrack Dx Assays represent a significant improvement over existing clonality assays as they efficiently detect the majority of B- and T-cell gene rearrangements using a single multiplex master mix. At the same time, these assays identify the specific DNA sequence for each clonal gene rearrangement.

Therefore, these products have two important and complementary uses: they aid in the detection of initial clonal populations, and identify sequence information required to track those clones in subsequent samples.

In addition, the LymphoTrack Dx *IGH* FR1 Assay defines the extent of somatic hypermutation present in the *IGHV* gene of analyzed samples.

Our LymphoTrack Dx multiplex master mixes are designed with Thermo Fisher[®] adapters and 12 indices. This allows for a one-step PCR and pooling of amplicons from several different samples onto a single Ion S5 or PGM sequencing chip.

Key Benefits

-  One-step PCR for amplicon and library generation
-  Identify, track, and assess mutation status of B- and T-cell gene rearrangements
-  Sequence amplicons from any LymphoTrack Dx kit together
-  Included bioinformatics software for easy analysis and interpretation



Ordering Information

CATALOG #	PRODUCTS	QUANTITY
9-121-0057	LymphoTrack [®] Dx <i>IGH</i> FR1/2/3 Assay - S5/PGM [™]	12 + 12 + 12 indices - 5 sequencing reactions each
9-121-0007	LymphoTrack [®] Dx <i>IGH</i> FR1 Assay - S5/PGM [™]	12 indices - 5 sequencing reactions each
9-121-0037	LymphoTrack [®] Dx <i>IGH</i> FR2 Assay - S5/PGM [™]	12 indices - 5 sequencing reactions each
9-121-0047	LymphoTrack [®] Dx <i>IGH</i> FR3 Assay - S5/PGM [™]	12 indices - 5 sequencing reactions each
9-122-0007	LymphoTrack [®] Dx <i>IGK</i> Assay - S5/PGM [™]	12 indices - 5 sequencing reactions each
9-227-0007	LymphoTrack [®] Dx <i>TRG</i> Assay - S5/PGM [™]	12 indices - 5 sequencing reactions each
9-500-0007	LymphoTrack [®] Dx Software - S5/PGM [™]	1 CD complimentary with purchase

CE IVD These are *in vitro* diagnostic products, and are not available for sale or use within North America.

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